



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Joseph A. Zupanick et al.      Art Unit : 3673  
Serial No. : 10/003,917      Examiner : John J. Kreck  
Filed : November 1, 2001  
Title : METHOD AND SYSTEM FOR SURFACE PRODUCTION OF GAS FROM A  
SUBTERRANEAN ZONE

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Applicant submits the references listed on the attached form PTO-1449. A copy of a communication from a foreign patent office in a counterpart application is also enclosed.

This filing is being made with the filing of a Request for Continued Examination. No fee is required.

Respectfully submitted,

Date: \_\_\_\_\_

6/21/04

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Date of Deposit

Substitute Form PTO-1449

U.S. Department of Commerce  
Patent and Trademark Office

Attorney's Docket No.

17601-019001

Application No.

10/003,917

**Information Disclosure Statement  
by Applicant**

(Use several sheets if necessary)

Applicant

Joseph A. Zupanick et al.

Filing Date

November 1, 2001

Group Art Unit

3673

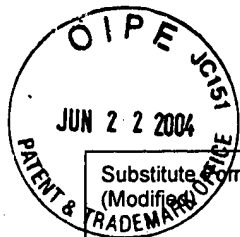
**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	A1	1,488,106	03/25/1924	Fitzpatrick			
	A2	3,385,382	05/28/1968	Canalizo, et al.			
	A3	4,073,351	02/14/1978	Baum			
	A4	4,333,539	06/08/1982	Lyons et al.			
	A5	4,536,035	08/20/1985	Huffman et al.			
	A6	4,773,488	09/27/1988	Bell et al.			
	A7	5,411,088	05/02/1995	LeBlanc et al.			
	A8	5,458,209	10/17/1995	Hayes et al.			
	A9	5,653,286	08/05/1997	McCoy et al.			
	A10	5,775,433	07/07/1998	Hammett et al.			
	A11	5,853,224	12/29/1998	Riese			
	A12	5,941,308	08/24/1999	Malone et al.			
	A13	6,012,520	01/11/2000	Yu et al.			
	A14	6,179,054	01/30/2001	Stewart			
	A15	6,349,769	02/26/2002	Ohmer			
	A16	6,357,530	03/19/2002	Kennedy et al.			
	A17	6,454,000	09/24/2002	Zupanick			
	A18	6,457,540	10/01/2002	Gardes			
	A19	6,497,556	12/24/2002	Zupanick et al.			
	A20	6,575,235	06/10/2003	Zupanick et al.			
	A21	6,575,255	06/10/2003	Rial et al.			
	A22	6,591,922	07/15/2003	Rial et al.			
	A23	6,595,301	07/22/2003	Diamond et al.			
	A24	6,595,302	07/22/2003	Diamond et al.			
	A25	6,604,580	08/12/2003	Zupanick et al.			
	A26	6,604,910	08/12/2003	Zupanick			
	A27	6,644,422	11/11/2003	Rial et al.			

Examiner Signature

Date Considered

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

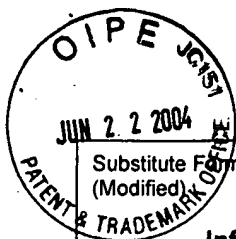


Substitute Disclosure Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 17601-019001	Application No. 10/003,917
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))		Applicant Joseph A. Zupanick et al.	
		Filing Date November 1, 2001	Group Art Unit 3673

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	A28	6,646,441	11/11/2003	Thompson et al.			
	A29	6,668,918	12/30/2003	Zupanick			
	A30	6,679,322	01/20/2004	Zupanick			
	A31	6,688,388	02/10/2004	Zupanick			
	A32	6,708,764	03/23/2004	Zupanick			
	A33	6,722,452	04/20/2004	Rial et al.			
	A34	6,725,922	04/27/2004	Zupanick			
	A35	2002/0074122	06/20/2002	Kelley			
	A36	2003/0164253 A1	09/04/2003	Trueman et al.			
	A37	2003/0221836 A1	12/04/2003	Gardes			
	A38	2004/0033557 A1	02/19/2004	Scott et al.			
	A39	2004/0045719 A1	03/11/2004	Moore et al.			
	A40	2004/0060351 A1	04/01/2004	Gunter et al.			

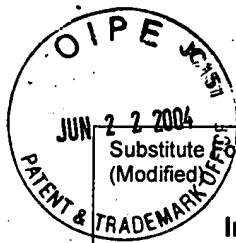
Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	B1	CA 2,210,866	01/19/1998	Canada			X	
	B2	CA 2,278,735	01/13/1998	Canada			X	
	B3	CH 653741 A5	01/15/1986	Switzerland			Abstract Only	
	B4	GB 2 255 033 A	10/28/1992	United Kingdom			N/A	
	B5	WO 01/44620	06/21/2001	WIPO			N/A	
	B6	WO 98/35133	08/13/1998	WIPO			N/A	

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	C1	Stayton, R.J. "Bob", "Horizontal Wells Boost CBM Recovery," Special Report: Horizontal and Directional Drilling, The American Oil and Gas Reporter, August 2002, pp. 71-75
Examiner Signature		Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		



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Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	C2	Notification of Transmittal of the International Search Report or the Declaration (PCT Rule 44.1) (3 pages) and International Search Report (4 pages) re International Application No. PCT/US 03/38383 mailed June 2, 2004
	C3	Notification of Transmittal of the International Search Report or the Declaration (PCT Rule 44.1) (3 pages) and International Search Report (6 pages) re International Application No. PCT/US 03/28138 mailed February 9, 2004
	C4	Notification of Transmittal of the International Search Report or the Declaration (PCT Rule 44.1) (3 pages) and International Search Report (6 pages) re International Application No. PCT/US-03/30126 mailed February 27, 2004
	C5	Smith, Maurice, "Chasing Unconventional Gas Unconventionally," CBM Gas Technology, New Technology Magazine, October/November 2003, pp. 1-4
	C6	Gardes, Robert, "A New Direction in Coalbed Methane and Shale Gas Recovery," (to the best of Applicants' recollection, first received at The Canadian Institute Coalbed Methane Symposium conference on June 16 and June 17, 2002), 1 page of conference flyer, 6 pages
	C7	Gardes, Robert, "Under-Balance Multi-Lateral Drilling for Unconventional Gas Recovery," (to the best of Applicants' recollection, first received at The Unconventional Gas Revolution conference on December 9, 2003, 4 pages of conference flyer, 33 pages
	C8	Boyce, Richard G., "High Resolution Seismic Imaging Programs for Coalbed Methane Development," (to the best of Applicants' recollection, first received at The Unconventional Gas Revolution conference on December 10, 2003), 4 pages of conference flyer, 24 pages
	C9	Mazzella, Mark, et al., "Well Control Operations on a Multiwell Platform Blowout," WorldOil.com - Online Magazine Article, Volume 22, Part 1 - pp. 1-7, January 2001, and Part II, February 2001, pp. 1-13
	C10	Vector Magnetics, LLC, Case History, California, May 1999, "Successful Kill of a Surface Blowout," 1999, pp. 1-12
	C11	Cudd Pressure Control, Inc., "Successful Well Control Operations - A Case Study: Surface and Subsurface Well Intervention on a Multi-Well Offshore Platform Blowout and Fire," 2000, pp. 1-17, <a href="http://www.cuddwellcontrol.com/literature/successful/successful_well.htm">http://www.cuddwellcontrol.com/literature/successful/successful_well.htm</a> .
	C12	Purl, R., et al., "Damage to Coal Permeability During Hydraulic Fracturing," SPE 21813, 1991, pp. 109-115
	C13	U.S. Dept. of Energy - Office of Fossil Energy, "Multi-Seam Well Completion Technology: Implications for Powder River Basin Coalbed Methane Production," pp. 1-100, A-1 through A-10, September 2003
	C14	U.S. Dept. of Energy - Office of Fossil Energy, "Powder River Basin Coalbed Methane Development and Produced Water Management Study," pp. 1-111, A-1 through A-14, November 2002
	C15	Fletcher, Sam, "Anadarko Cuts Route Under Canadian River Gorge," Oil & Gas Journal, pp. 28-30, January 5, 2004
	C16	Kalinin, et al., Translation of Selected Pages from Ch. 4, Sections 4.1, 4.4, 4.4.1, 4.4.3, 11.2.2, 11.2.4 and 11.4, "Drilling Inclined and Horizontal Well Bores," Moscow, Nedra Publishers, 15 pages, 1997
	C17	Kalinin, et al., Translation of Selected Pages from Ch. 4, Sections 4.2 (p. 135), 10.1 (p. 402), 10.4 (pp. 418-419), "Drilling Inclined and Horizontal Well Bores," Moscow, Nedra Publishers, 4 pages, 1997
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		Filing Date November 1, 2001	Group Art Unit 3673

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	C18	Arens, V. Zh., Translation of Selected Pages, " <i>Well-Drilling Recovery of Minerals</i> ," Moscow, Nedra Publishers, 7 pages, 1986
	C19	Jet Lavanway Exploration, " <i>Well Survey</i> ," Key Energy Surveys, 3 pages, November 2, 1997
	C20	Precision Drilling, " <i>We Have Roots in Coal Bed Methane Drilling</i> ," Technology Services Group, 1 page, Published on or before August 5, 2002
	C21	U.S. Dept. of Energy, " <i>New Breed of CBM/CMM Recovery Technology</i> ," 1 page, July 2003
	C22	Ghiselin, Dick, " <i>Unconventional Vision Frees Gas Reserves</i> ," Natural Gas Quarterly, 2 pages, September 2003
	C23	CBM Review, World Coal, " <i>US Drilling into Asia</i> ," 4 pages, June 2003
	C24	Skrebowski, Chris, " <i>US Interest in North Korean Reserves</i> ," Petroleum, Energy Institute, 4 pages, July 2003
	C25	Zupanick, et al., U.S. Patent Application entitled "Method and System for Underground Treatment of Materials," S/N 10/142,817, May 8, 2002
	C26	Zupanick, et al., "Method and System for Accessing a Subterranean Zone From a Limited Surface Area," S/N 10/188,141, July 1, 2002, (Publication 2002/0189801)
	C27	Zupanick, U.S. Patent Application entitled "Wellbore Sealing System and Method," S/N 10/194,368 (Publication 2004/0007389)
	C28	Zupanick, U.S. Patent Application entitled "Wellbore Plug System and Method," S/N 10/194,422 (Publication 2004/0007390)
	C29	Zupanick, U.S. Patent Application entitled "System and Method for Subterranean Access," S/N 10/227,057, August 22, 2002 (Publication 2004/0035582)
	C30	Zupanick, et al, U.S. Patent Application entitled "Method and System for Controlling Pressure in a Dual Well System," S/N 10/244,082, September 12, 2002
	C31	Zupanick, U.S. Patent Application entitled "Three-Dimensional Well System for Accessing Subterranean Zones," S/N 10/244,083, September 12, 2002 (Publication 2004/0050552)
	C32	Zupanick et al., U.S. Patent Application entitled "Accelerated Production of Gas From a Subterranean Zone," S/N 10/246,052, September 17, 2002 (Publication 2004/0050554)
	C33	Diamond et al., U.S. Patent Application entitled "Method and System for Removing Fluid From a Subterranean Zone Using an Enlarged Cavity," S/N 10/264,535, October 3, 2002
	C34	Zupanick, U.S. Patent Application entitled "Method of Drilling Lateral Wellbores From a Slant Well Without Utilizing a Whipstock," S/N 10/267,426, October 8, 2002
	C35	Zupanick, U.S. Patent Application entitled "Method and System for Circulating Fluid in a Well System," S/N 10/323,192, December 18, 2002 (Publication 2004/0055787)
	C36	Rial et al., U.S. Patent Application entitled "Method and System for Controlling the Production Rate Of Fluid From A Subterranean Zone To Maintain Production Bore Stability In The Zone," S/N 10/328,408, December 23, 2002
	C37	Zupanick, et al., U.S. Patent Application entitled "Method and System for Recirculating Fluid in a Well System," S/N 10/457,103, June 5, 2003
	C38	Zupanick, U.S. Patent Application entitled "Method and System for Accessing Subterranean Deposits from the Surface and Tools Therefor," S/N 10/630,345, July 29, 2003
	C39	Zupanick, U.S. Patent Application entitled "Method and System for Accessing Subterranean Deposits From the Surface," S/N 10/641,856, August 15, 2003 (Publication 2004/0031609)
Examiner Signature		Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		



JUN 22 2004 Substitute Form (Modified) PATENT & TRADEMARK OFFICE <b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary) (37 CFR §1.98(b))	PTO-1449	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 17601-019001	Application No. 10/003,917
	Applicant Joseph A. Zupanick et al.			
	Filing Date November 1, 2001	Group Art Unit 3673		

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	C40	Pauley, Steven, U.S. Patent Application entitled "Multi-Purpose Well Bores and Method for Accessing a Subterranean Zone From the Surface," S/N 10/715,300, November 17, 2003
	C41	Seams, Douglas, U.S. Patent Application entitled "Method and System for Extraction of Resources from a Subterranean Well Bore," S/N 10/723,322, November 26, 2003
	C42	Zupanick, U.S. Patent Application entitled "Slant Entry Well System and Method," S/N 10/749,884, December 31, 2003
	C43	Zupanick, U.S. Patent Application entitled "Method and System for Accessing Subterranean Deposits from the Surface," S/N 10/761,629, January 20, 2004
	C44	Zupanick, U.S. Patent Application entitled "Method and System for Testing A Partially Formed Hydrocarbon Well for Evaluation and Well Planning Refinement," S/N 10/769,221, January 30, 2004
	C45	Platt, "Method and System for Lining Multilateral Wells," S/N 10/772,841, February 5, 2004
	C46	Zupanick, "Three-Dimensional Well System For Accessing Subterranean Zones," February 11, 2004, S/N 10/777,503
	C47	Zupancik, "System And Method For Directional Drilling Utilizing Clutch Assembly," S/N 10/811,118, March 25, 2004
	C48	Zupanick et al., "Slot Cavity," S/N 10/419,529, April 21, 2003
	C49	Zupanick, "System and Method for Multiple Wells from a Common Surface Location," S/N 10/788,694, February 27, 2004
	C50	Zupanick, "Method and System for Accessing a Subterranean Zone From Limited Surface Area," S/N 10/406,037, April 2, 2003
	C51	Field, T.W., "Surface to In-seam Drilling – The Australian Experience," 10 pages, Undated
	C52	Drawings included in CBM well permit issued to CNX stamped April 15, 2004 by the West Virginia Department of Environmental Protection (4 pages)
	C53	Website of Mitchell Drilling Contractors, "Services: Dymaxion – Surface to In-seam," <a href="http://www.mitchelldrilling.com/dymaxion.htm">http://www.mitchelldrilling.com/dymaxion.htm</a> , printed as of 06/17/2004, 4 pages
	C54	Website of CH4, "About Natural Gas – Technology," <a href="http://www.ch4.com.au/ng_technology.html">http://www.ch4.com.au/ng_technology.html</a> , copyright 2003, printed as of 06/17/2004, 4 pages
	C55	Thomson, et al., "The Application of Medium Radius Directional Drilling for Coal Bed Methane Extraction," Lucas Technical Paper, copyrighted 2003, 11 pages
	C56	U.S. Department of Energy, DE-FC26-01NT41148, "Enhanced Coal Bed Methane Production and Sequestration of CO2 in Unmineable Coal Seams" for Consol, Inc., accepted October 1, 2001, 48 pages, including cover page

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